

WESTERN MASSACHUSETTS ELECTRIC COMPANY

MDTE No. 1009Ls
Cancels MDTE No. 1009K

STREET AND SECURITY LIGHTING
SCHEDULE S-1
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APPLICABILITY:

This rate is applicable to street, highway, and off-street lighting.

RATE - Per month:

The RATE-Per month is the sum of 1) LAMP CHARGE, 2) LUMINAIRE CHARGE, and 3) POLE CHARGE, and 4) ACCESSORY CHARGE. Included in these rates are unbundled charges per kilowatt-hour as described below.

1) LAMP CHARGE:

| <u>Nominal Rating in Lumens</u> | <u>Lamp & Ballast Wattage</u> | <u>Mercury Vapor*</u> | <u>HP Sodium</u> | <u>Incandescent*</u> | <u>Metal Halide</u> |
|-----------------------------------------|-------------------------------------------|---------------------------|------------------|----------------------|-------------------------|
| 1,000 | 104 | - | - | \$ 6.38 | - |
| 2,500 | 203 | - | - | 6.68 | - |
| 4,000 | 328 | - | - | 7.05 | - |
| 4,000 | 118 | \$6.39 | - | - | - |
| 4,000 | 59 | - | \$ 6.20 | - | - |
| 5,200 | 89 | - | - | - | \$ 7.98 |
| 6,300 | 84 | - | 6.36 | - | - |
| 8,000 | 206 | 9.87 | - | - | - |
| 8,500 | 119 | - | - | - | 11.34 |
| 9,500 | 118 | - | 9.84 | - | - |
| 10,000 | 691 | - | - | 11.57 | - |
| 12,500 | 287 | 11.43 | - | - | - |
| 14,400 | 207 | - | - | - | 14.10 |
| 16,000 | 172 | - | 11.37 | - | - |
| 22,000 | 289 | - | - | - | 14.47 |
| 22,500 | 455 | 14.56 | - | - | - |
| 27,500 | 311 | - | 14.49 | - | - |
| 36,000 | 451 | - | - | - | 23.55 |
| 40,000* | 781 | 23.67 | - | - | - |
| 50,000 | 472 | - | 23.83 | - | - |
| 60,000 | 1,103 | 24.65 | - | - | - |
| 110,000 | 1,080 | - | - | - | 41.22 |
| 140,000 | 1,103 | - | 41.33 | - | - |

*No additional lights of these sizes or types will be installed. For replacement of an

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existing mercury vapor light, municipalities may request in writing that a similar light be installed where ambiance and atmosphere must be maintained and where safety and security will not be jeopardized.

2) LUMINAIRE CHARGE:

- | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| a) Standard Street Lighting Luminaire | No additional charge |
| b) Luminaire furnished, installed and maintained by and at the expense of the customer | No additional charge |
| c) Decorative Luminaire installed after December 24, 1972: 4,000, 6,300, 8,000, 9,500, and 16,000 lumen sizes | \$ 2.69 |
| 27,500 and 50,000 lumen sizes | \$ 4.20 |
| d) Flood Light or Spot Light Luminaire installed after December 24, 1972: 22,000, 22,500, 27,500, 36,000, 50,000, 60,000, 110,000, and 140,000 lumen sizes | \$ 2.29 |
| e) Premium Decorative Luminaire | |
| Standard | \$ 7.02 |
| Deluxe | \$10.02 |

3) POLE CHARGE:

- | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| a) Wood pole or pipe support installed after June 9, 1971, and used exclusively for lighting purposes or high mounting ornamental pole installed initially to support an incandescent luminaire | \$ 3.07 |
| b) Low mounting ornamental pole or distribution pole preserved using a volatile solvent process installed after June 9, 1971, and used exclusively for lighting purposes | \$ 3.44 |

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| | | |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| c) | Center bored wood pole used exclusively for lighting purposes installed at the request of the customer | \$ 6.73 |
| d) | 25-32 foot ornamental pole | \$13.73 |
| e) | Pole furnished, installed, and maintained by and at the expense of the customer or any other pole not included in one of the foregoing categories | No additional charge |
| f) | Premium Decorative Poles served underground on an anchor base or similar cost installation | |
| | Extruded Aluminum | \$15.38 |
| | Fiberglass | \$20.10 |
| | Cast Aluminum | \$25.25 |
| | Cast Iron | \$35.54 |
| 4) | ACCESSORY CHARGE: | |
| a) | Spot Light Glare Shield | \$ 2.32 |
| b) | Cobra HeadVandal Shield | |
| | Up to 250 Watt | \$ 2.57 |
| | 400 Watt | \$ 5.13 |
| c) | Twin Brackets for Premium Decorative Luminaires | |
| | Standard | \$ 3.86 |
| | Deluxe | \$ 7.29 |

ONE TIME PAYMENT OPTION: As an option to the above monthly charges for decorative lighting, the customer may make a one-time payment, plus any applicable compensation for tax liability, and pay the rate for Standard Street Lighting Service.

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CHARGES INCLUDED IN THE ABOVE RATES:

| | |
|----------------------------------------|----------------------------------------------------|
| TRANSITION | \$0.00500 per kWh |
| TRANSMISSION | \$0.00423 per kWh |
| STANDARD SERVICE OR DEFAULT SERVICE | \$0.05607 per kWh As Per Default Service Tariff |

The charges included in the above rates can be computed as the charge per kWh times the monthly kilowatt-hours determined below. The determination of monthly lighting kilowatt-hours for purposes of monthly sales and computing the various charges above are as follows:

Wattage divided by 1,000 times monthly burning hours below:

| | | | |
|----------|-----------------------|-----------|-----|
| January | 433 | July | 269 |
| February | 365 (leap year - 377) | August | 301 |
| March | 364 | September | 334 |
| April | 310 | October | 388 |
| May | 280 | November | 413 |
| June | 251 | December | 442 |

SUPPLIER SERVICE OPTIONS:

| | |
|--------------------|--------------------------------------|
| STANDARD SERVICE | As Per Standard Offer Service Tariff |
| DEFAULT SERVICE | As Per Default Service Tariff |
| THIRD-PARTY SUPPLY | As Per Contract |

RATE ADJUSTMENTS:

This rate will be adjusted as provided in the Company's Demand Side Management and Renewable Energy Adjustments.

TRANSITION COST ADJUSTMENT:

The Transition charges and terms under this rate includes a Transition Cost Adjustment Charge set in accordance with the Company's Transition Cost Adjustment.

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TRANSMISSION COST ADJUSTMENT:

Transmission service charges for all customers taking service under this rate shall be set in accordance with the Company's Transmission Cost Adjustment.

SERVICE AND SUPPLY OF FACILITIES:

All streetlights shall be operated continually each and every night from approximately one-half hour after sunset until one-half hour before sunrise. All poles, lamps, brackets, luminaries and related equipment shall be furnished and maintained by the Company, except in the instance of poles or luminaries furnished, installed and maintained by and at the expense of the Customer.

All energy and normal renewal of lamps shall be furnished and controlled by the Company at its expense. Broken, cracked, and damaged lamps and other equipment shall be replaced by the Company at the customer's expense.

The Company shall supply streetlights whenever requested by the Customer, including the poles, lamps, brackets, luminaries and related equipment therefore. All such poles, lamps, brackets, luminaries, and related equipment shall be of a modern type approved for normal use by the Company. The Company shall bear the full cost of such lights except that, underground distribution facilities required to supply street-lighting service shall be at the expense of the customer, and if the installed cost of such poles, lamps, brackets, luminaries and related equipment shall in any case exceed 30 times the monthly revenue to be derived by the Company therefrom, as provided by the Rate-Per month of this Rate Schedule, the balance of such cost above said amount shall be paid by the Customer.

If at the request of the customer a luminaire is removed prior to being installed for at least fifteen (15) years, the customer upon removal of the luminaire will be billed an amount representative of the original installed cost less the depreciated cost and less the salvage value of the luminaire and related equipment.

If a municipality elects to purchase the Company's streetlighting equipment prior to being installed for at least fifteen (15) years, the purchase price shall equal the original installed cost of the existing equipment less the depreciation together with any unrecovered cost of facilities replaced by the existing equipment, and the municipality will thereafter be billed on Rate S-2.

FAILURE OF LAMPS TO LIGHT:

The Company will replace inoperative lamps within three working days after written notification by the customer. No credit will be allowed for periods during which lamps are out of service. Written notification shall be deemed sufficient if it includes the exact location of the light. Exact location includes either the street and pole number or the street number in front of which the light is located.

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TERMS AND CONDITIONS:

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this rate schedule.

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